

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT DESCRIPTION	AM10000, AM10000C
CHEMICAL NAME	Blended abrasive solid
GENERAL USE	Polish for metal finishing
MANUFACTURER ADDRESS	3440 Symmes Rd. Hamilton OH 45015
CONTACT NUMBER	1-513-860-3400 Amstat 847-998-6210
EMERGENCY CONTACT	PLANT OPERATIONS
EMERGENCY PHONE	1-513-678-3672
24 HOUR EMERGENCY TELEPHONE NUMBER	CHEMTREC (24 HOURS) 800-424-9300

2. HAZARD IDENTIFICATION

EMERGENCY OVERVIEW	Danger. Contains silica. Dust from buffing operation may cause damage to lungs. May also irritate eyes and skin. Protective equipment should be worn. Wash skin after use.
IMMEDIATE CONCERNS	

POTENTIAL HEALTH EFFECTS

Eye:	May cause eye irritation.
Skin	May cause mild skin irritation.
Ingestion	Large oral doses may cause irritation.
Inhalation	Product as supplied is not hazardous. May cause serious health damage due to breathing dust from buffing operation with this material.
Chronic	Silicosis, Cancer

GHS Label requirements

Pictogram –



Signal Word--- Danger

Hazard Statement

H372 Causes damage to lungs through repeated breathing of dusts resulting from buffering operations with this material.

Precautionary Statements

P260	Do not breath dusts from buffing operation with this material.
P285	In case of inadequate ventilation, wear respiratory protection.
280	Wear protective gloves/protective clothing/eye protection/ face protection.
P302+P352	If on Skin: Wash with soap and water.
P305+P351	If in eyes: Wash cautiously with water for 15 minutes.

3. COMPOSITION/INGREDIENT INFORMATION

Ingredients	CAS	PEL/ TLV	Weight %
Silica	14808-60-7	0.1 mg/M3	67-85%
Fatty Acid /Glyceride		Not Hazardous	16-25%
Magnesium Silicate	14807-96-6	Not Hazardous	3-10%

4. FIRST AID MEASURES

Inhalation	If exposed to excessive levels of dust, remove to fresh air. Get medical attention if cough, irritation or other symptoms develop.
Skin Contact	Wash with soap and water. Get medical attention if irritation or rash develop.
Eye Contact	Immediately flush eyes with plenty of water for 15 minutes. If abrasive particles are not removed, obtain medical attention.
Ingestion	Swallowing less than an ounce will not cause significant harm. For larger amounts do not induce vomiting but give two 12 ounce glasses of water and obtain medical advice.

5. FIREFIGHTING MEASURES

Flash Point	>350 F
Extinguishing Media	Use alcohol foam, carbon dioxide, or dry chemical when fighting fires involving this material.
Firefighting Procedure	Remove ignition source and fight fire as if it were a grease fire.
Special Protective Equipment	As in any fire, wear self-contained breathing apparatus (pressure-demand, MSHA/NIOSH approved or equivalent) and full protective gear.
Hazardous Combustion	If heated to high temperature the product may emit carbon monoxide and carbon dioxide.

6. ACCIDENTAL RELEASE MEASURES

Environmental Precautions	None known
Methods for Clean up	Sweep or Scoop up material for reuse or reclaim if possible, otherwise place in a disposal container for proper disposition.

7. HANDLING AND STORAGE

Handling	No special handling requirements are known.
Storage	Keep out of sun and away from heat sources, as product may melt. Observe all safeguards for container residue until cleaned or destroyed. Do not flush to sewers or waterways unless authorized to do so by appropriate government official.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values	0.1 mg/M3 as dust resulting from the buffing operation with this material.
Engineering Measures	Ventilation to keep dust level at exposure limits.
Hygiene Measures	
Respiratory Protection	Wear respiratory protection such as a dust mask.



Hand Protection	Wear gloves.
Eye Protection	Wear safety glasses with side shields or goggles.
Skin Protection	Wash with soap and water before eating or after shift.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid	Solubility in Water	None
Color	Tan	Flash Point	>350 F
Boiling Point	N/A	Vapor Density	N/A
Melting Point	135 F	Evaporation Rate	N/A
Specific Gravity	> 1.1	Odor	Mild;
pH	N/A	VOC	None
Autoignition Temperature	N/A		

10. STABILITY AND REACTIVITY

Stability	Product is stable.
Conditions to Avoid	Material can ignite if exposed to a continuous flame or heat source.
Incompatible Materials	None known.
Hazardous Decomposition Products	If product is involved in a fire, carbon monoxide could be emitted.
Hazardous Polymerization	Will not occur.

11. TOXICOLOGICAL INFORMATION

Eyes	May cause irritation from abrasion.
Skin Contact	May cause irritation.
Skin Absorption	Not likely.
Inhalation	Dust from buffing operation includes silica which may cause silicosis, a lung disease. Silica is also found to cause lung cancer in humans.
Swallowing	No adverse effect is expected.

12. ECOLOGICAL INFORMATION

Ecological Information	No data available.
Bio accumulative Potential	Bioaccumulation is unlikely.
Comments	This product is not believed to be toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

General	If discarded, the material in its original unused form is not a RCRA hazardous waste. Disposal should be in accordance with state and local regulations for the disposal of non-hazardous waste. Be sure to check if compound (after used) has come in contact with a hazardous substance before disposal.
Packaging	Dispose in clean receptacle or box.



14. TRANSPORTATION INFORMATION

DOT	Not regulated
Classification	
IMDG Classification	Not regulated
ICAO Classification	Not regulated

15. REGULATORY INFORMATION

UNITED STATES - Sara Title III	
313 Reportable Ingredients	Contains silica
302/304 Emergency Planning	None
Emergency Plan	Report as required by the state and local agencies for both product and waste.
CERCLA (Comprehensive Response, Compensation and Liability Act)	
CERCLA RQ	None
EPA HAZARD CATEGORIES	SARA 311/312 - product contains silica
TSCA (Toxic Substance Control Act)	TSCA Status - All ingredients are on the TSCA list

16. OTHER INFORMATION

Revision Number	BA709-5
Supersedes Date	1/1/2014
HMIS Rating	1-1-0-0
Manufacturer Disclaimer	Metal dusts from the buffing of brass, zinc and magnesium or aluminum along with the buffing cloth fibers and compound residues may cause fires or explosions when exposed to a strong ignition source. These fires typically are started in the vent pipes, collector bags or receptacles used in waste gathering from the buffing ventilation system. Make sure that the collectors are changed frequently, and the waste kept in a cool, dry environment that is free from sparks or other strong ignition sources. The collection devices should be grounded to minimize static charges. Dust collection receptacles should be designed by engineers who are familiar with the potential hazard of a flammable or explosive dust. If such a fire occurs, fight the fire with a Class D fire extinguisher. Do not use water or a halogenated extinguishing media.

